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Handbook of Image and Video Processing, Second Edition

图像与视频处理手册（下册）

（第二版）（英文版）

[美] Alan Bovik 编著

電子工業出版社
Publishing House of Electronics Industry
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内容简介

本书介绍了图像和视频处理方面的基本原理、主要技术和典型应用，相关的内容包括图像与视频的增强和恢复，分类和分割，图像边缘检测，图像处理算法，图像压缩、存储、重取和通信，以及图像处理的应用。全书按内容聘请有关专家编写，涉及范围广、内容新、质量高，反映了最新的研究成果。本书的下册主要针对图像压缩、视频压缩、图像与视频获取、图像与视频的存取和通信、图像处理的应用等内容进行了深入的介绍。

本书可作为学习图像和视频处理课程的本科生、研究生的教材与参考用书，并且对于从事图像和视频方面研究的人员也是一本很好的参考材料。

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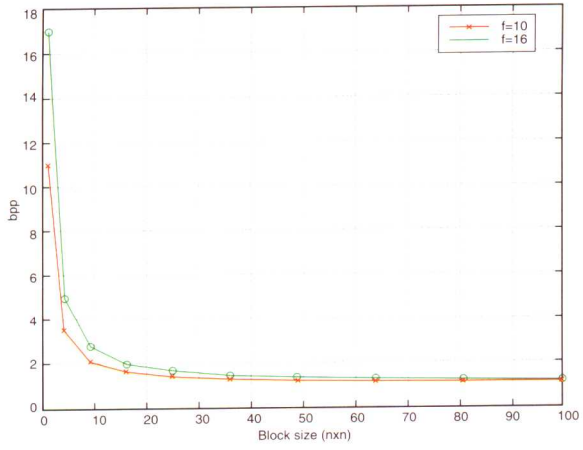

Figure 5.2.4

Original Image

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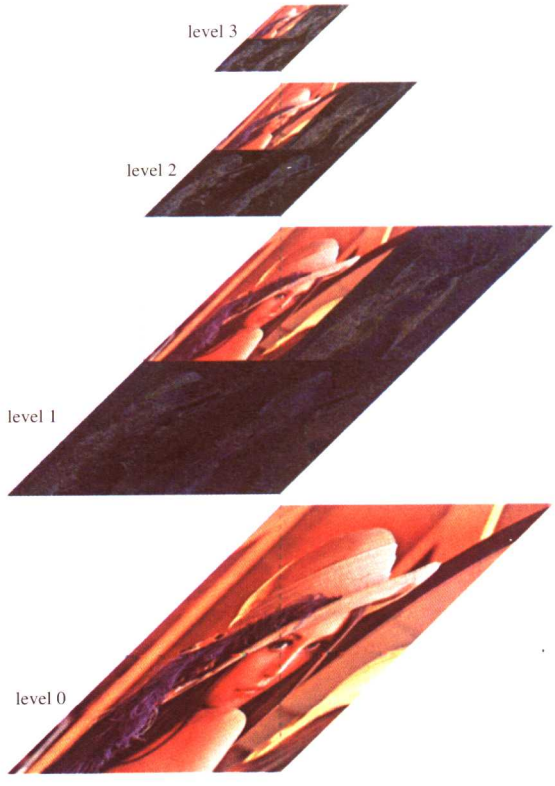
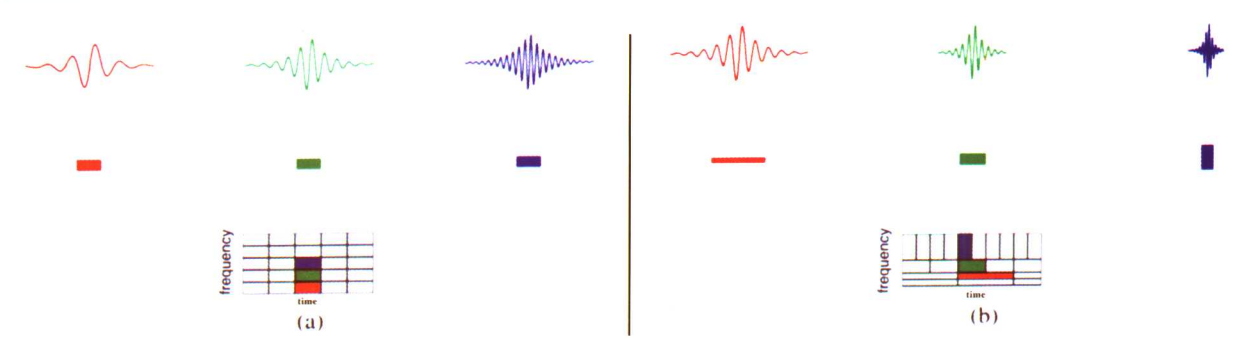


Figure 5.4.1

Figure 5.4.2

Figure 5.5.13



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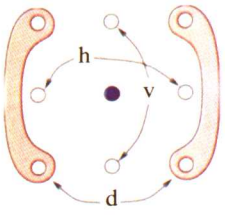


Figure 5.5.17

Figure 6.5.17

Figure 6.2.20

Figure 6.2.21

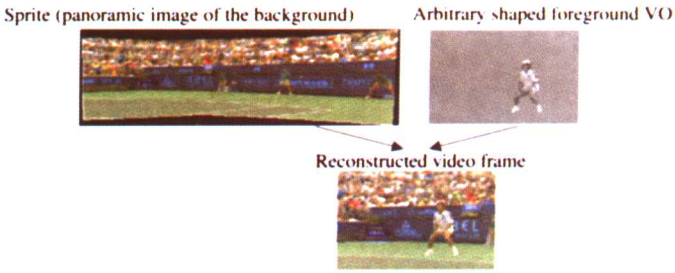


Figure 6.5.7

Figure 6.6.1

Figure 7.1.1

(a) (b)

Figure 7.1.11

Figure 7.1.13

(a) (b)

Figure 7.1.19

Figure 7.1.23

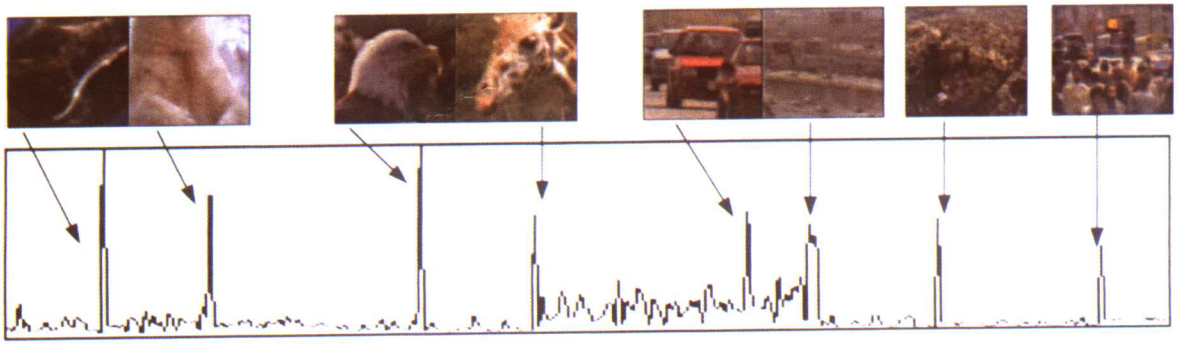
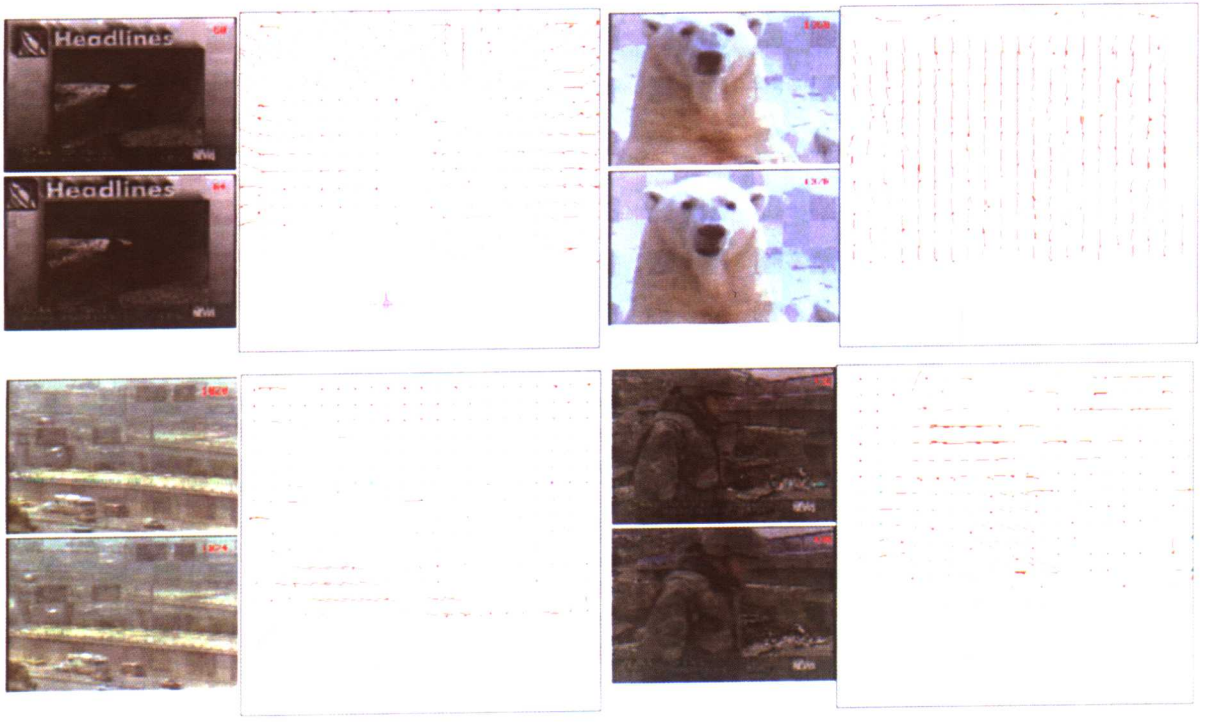


Figure 9.1.2

Figure 9.1.1



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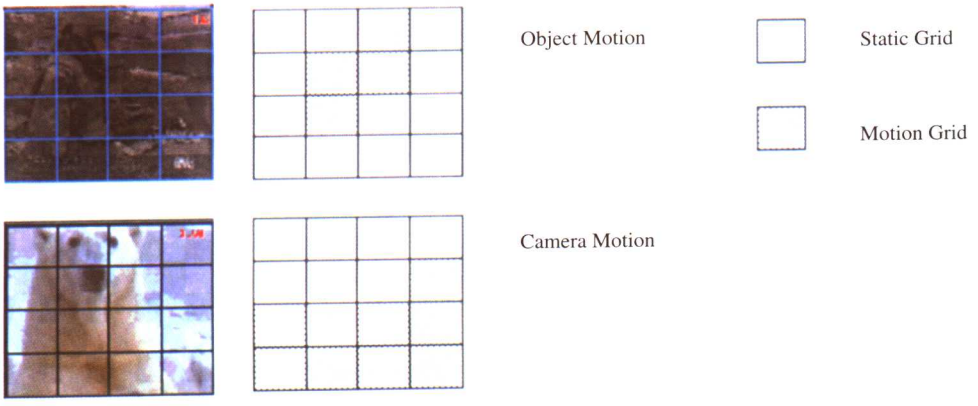

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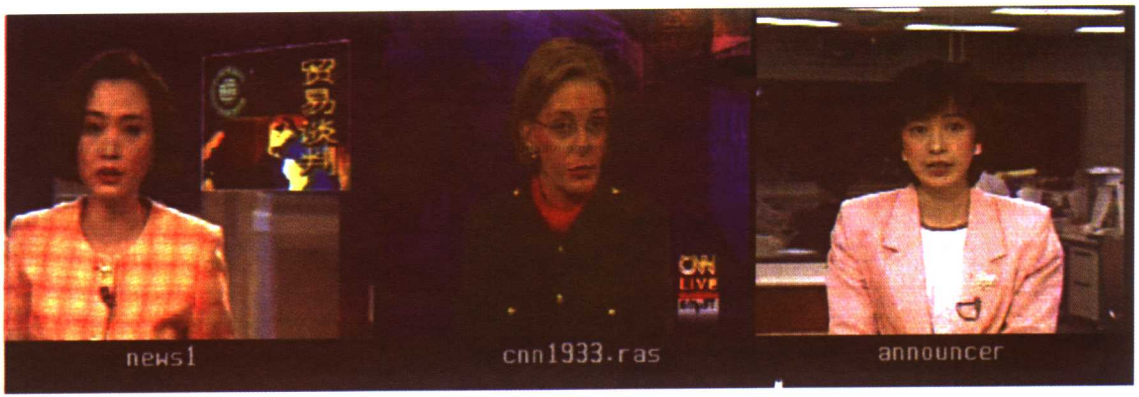

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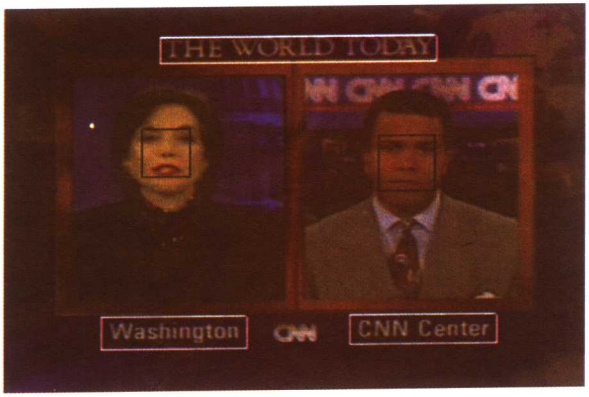

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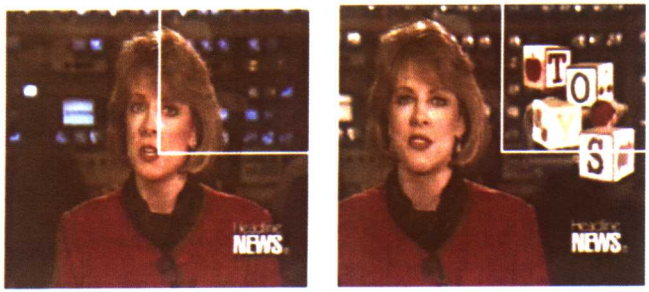

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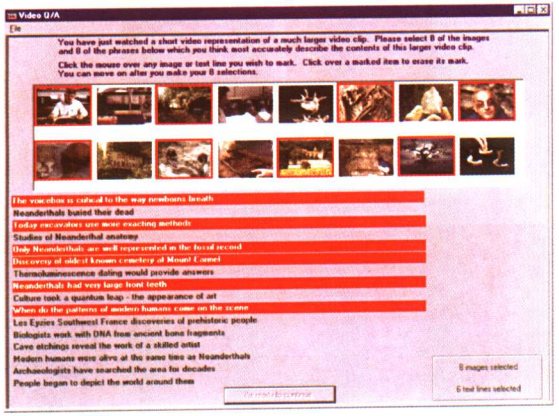
Figure 9.1.8

Figure 9.1.9

Figure 9.1.10



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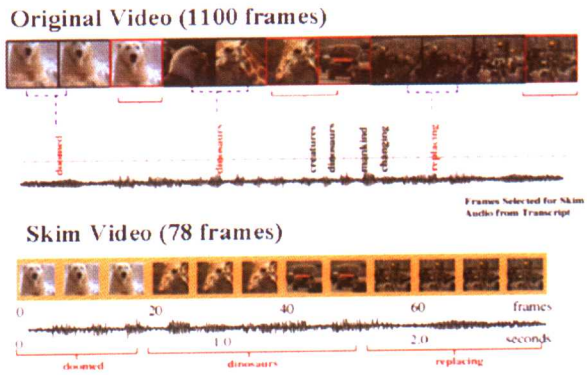

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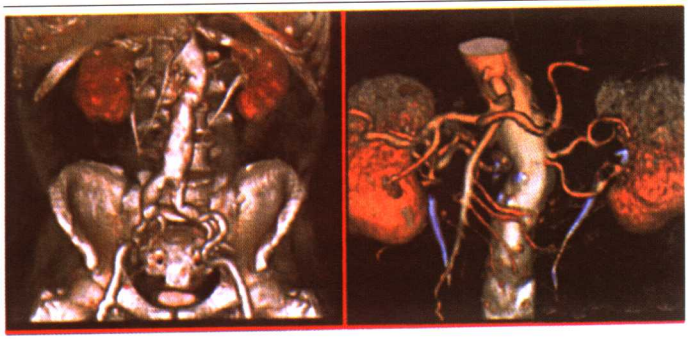

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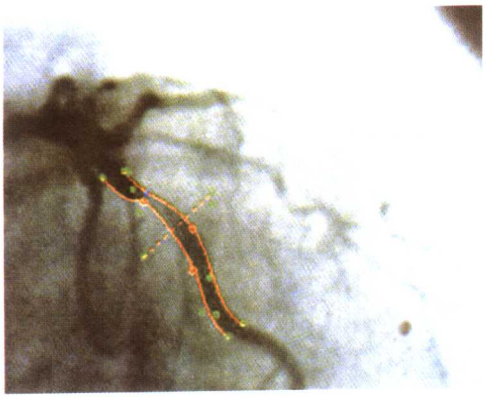

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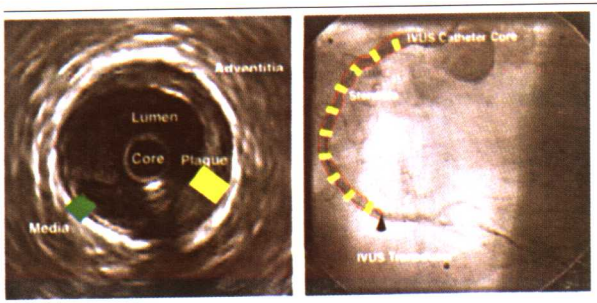

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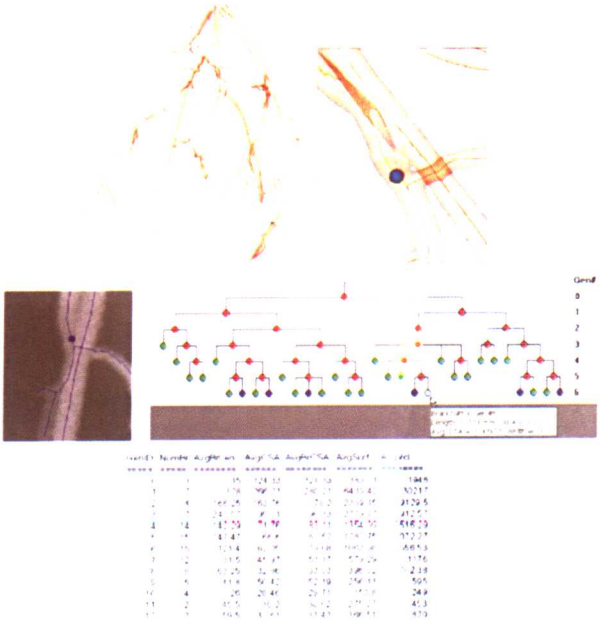

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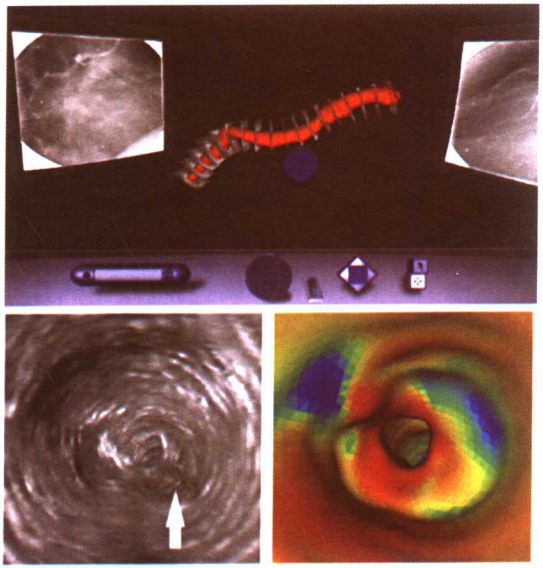

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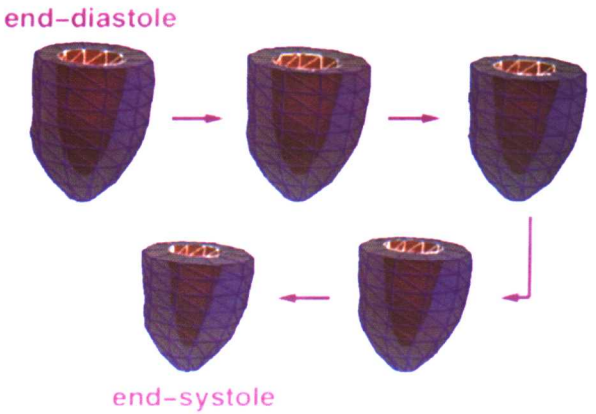

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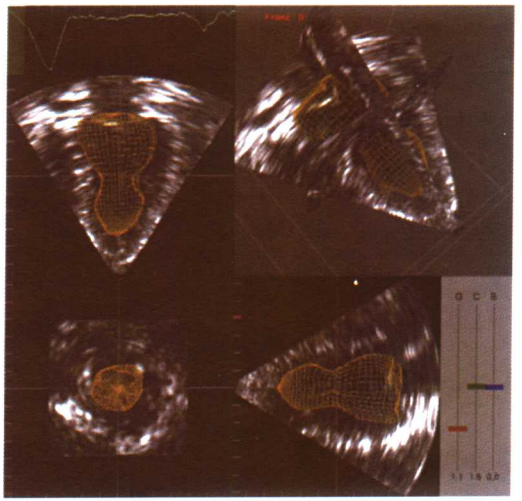

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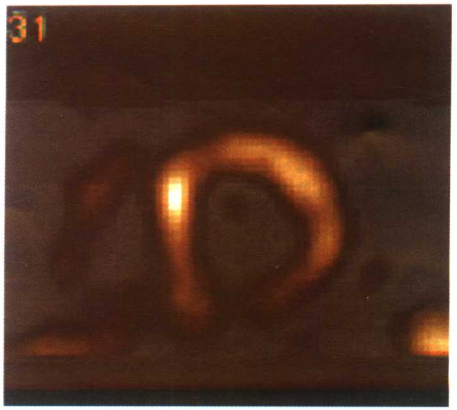
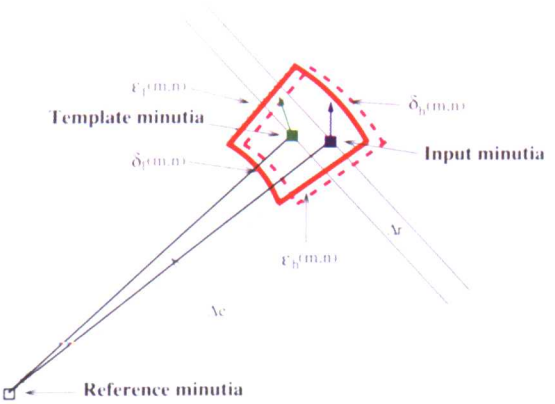


Figure 10.3.17

(a) (b) (c)

Figure 10.5.8

Figure 10.5.13



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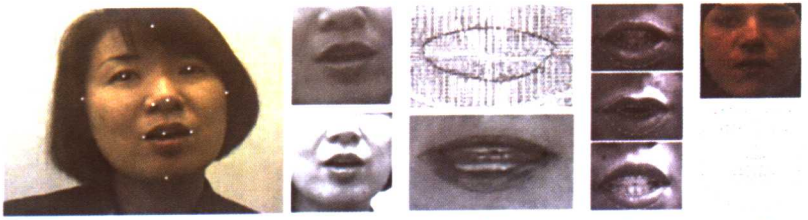

(a) (b) (c) (d)

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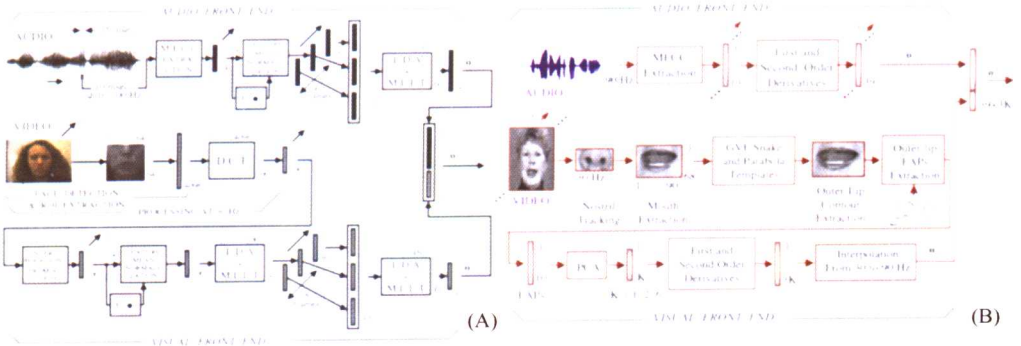
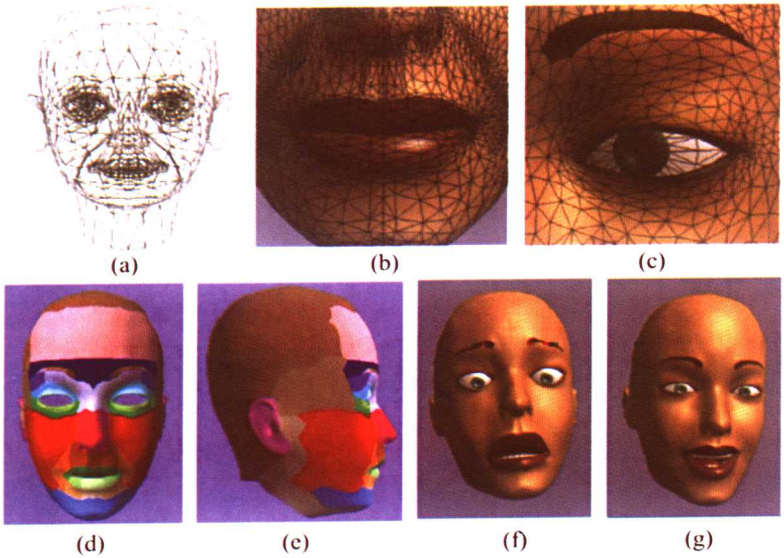


(A) (B)

Figure 10.8.5

Figure 10.8.9



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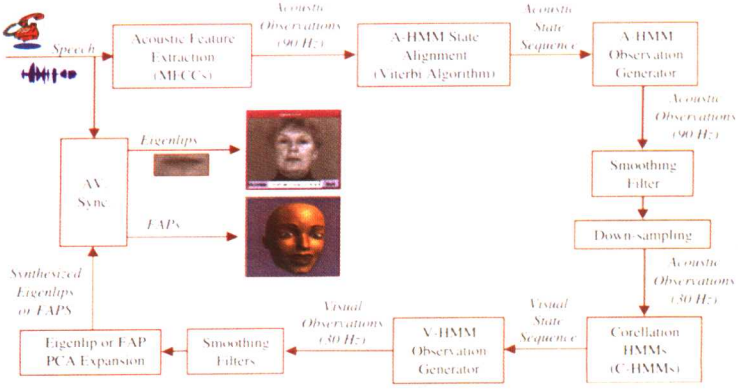

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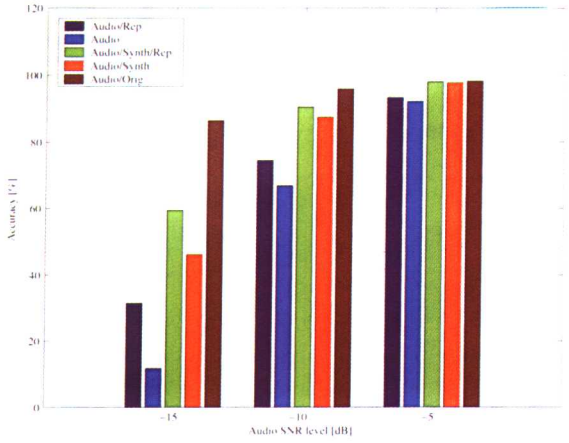

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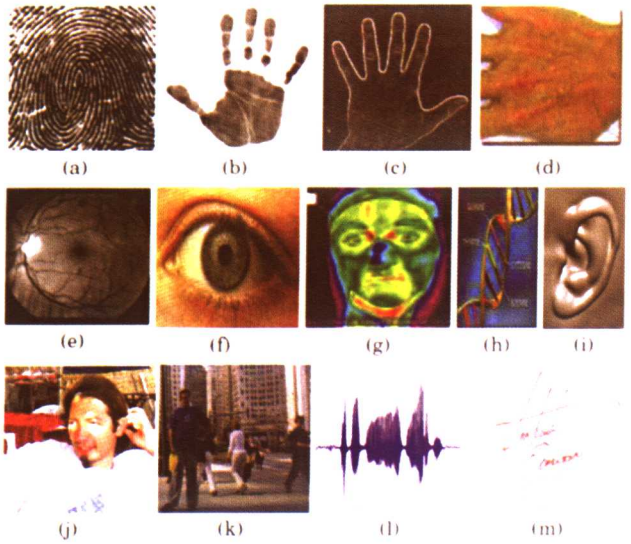

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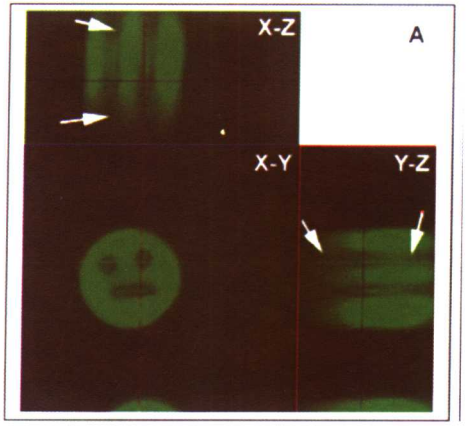

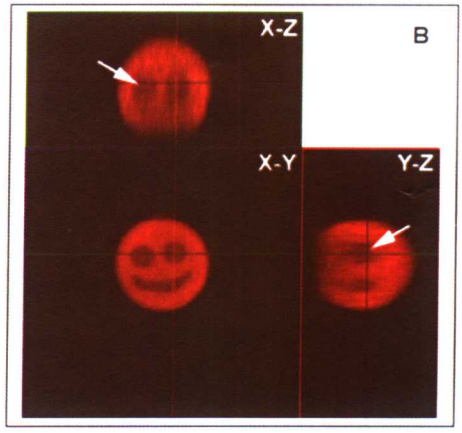

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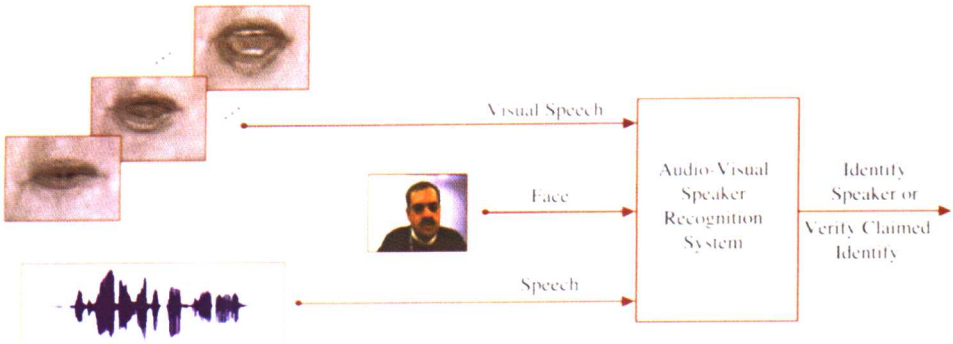

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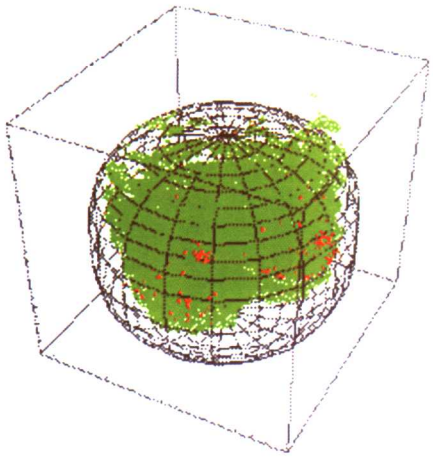

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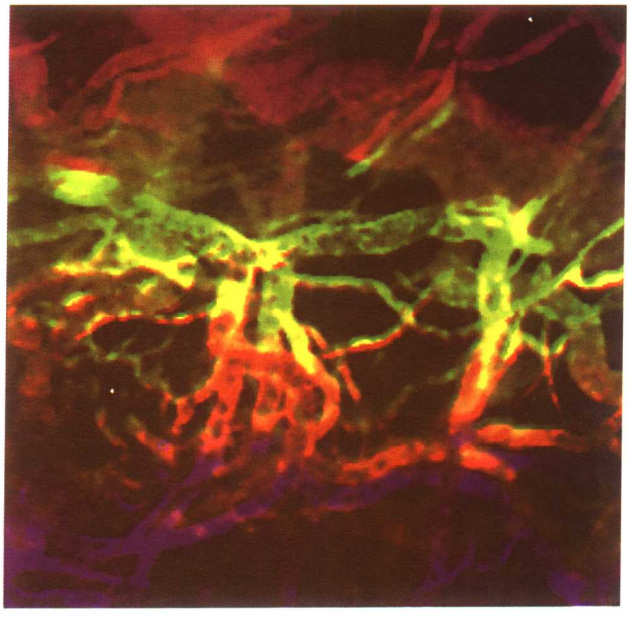

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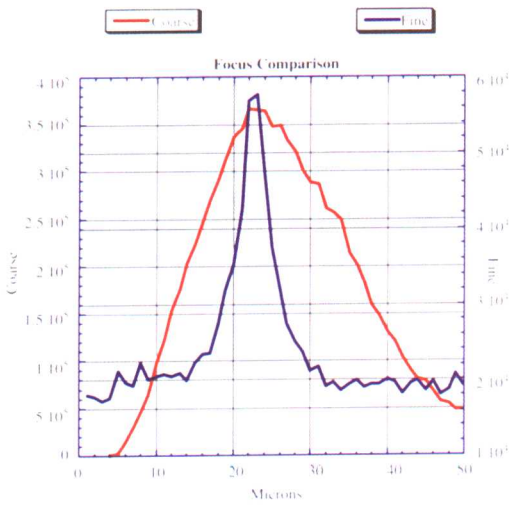

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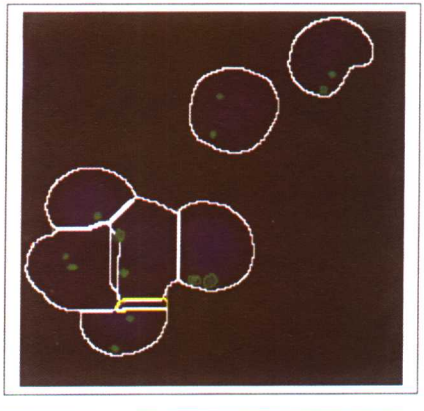

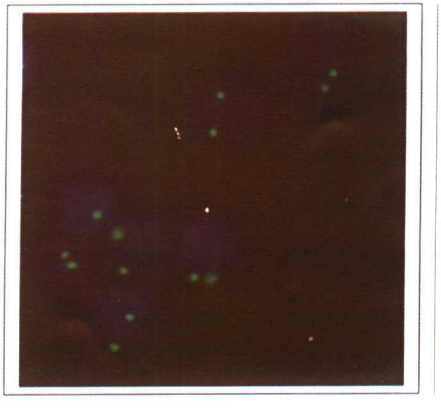

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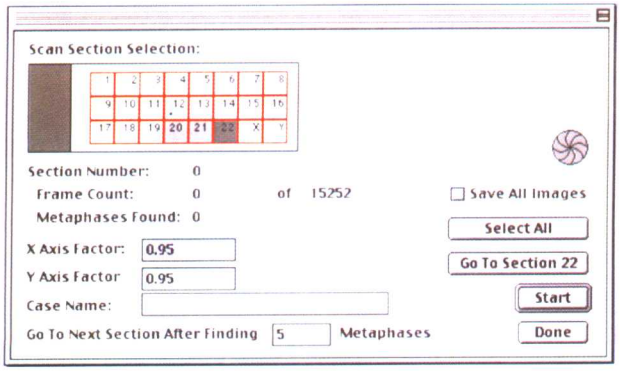

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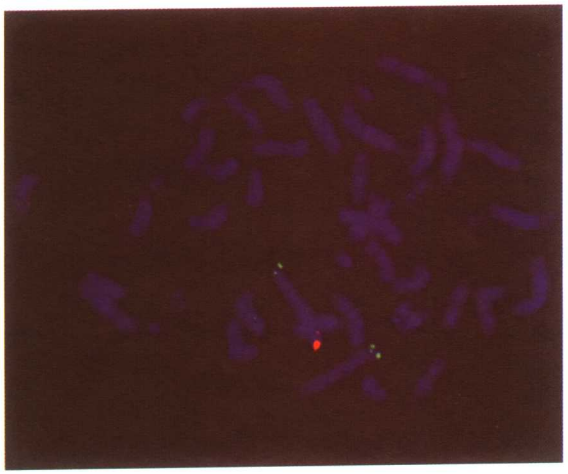

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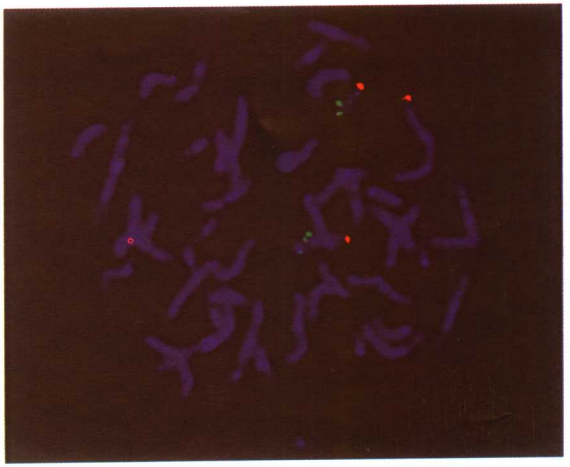

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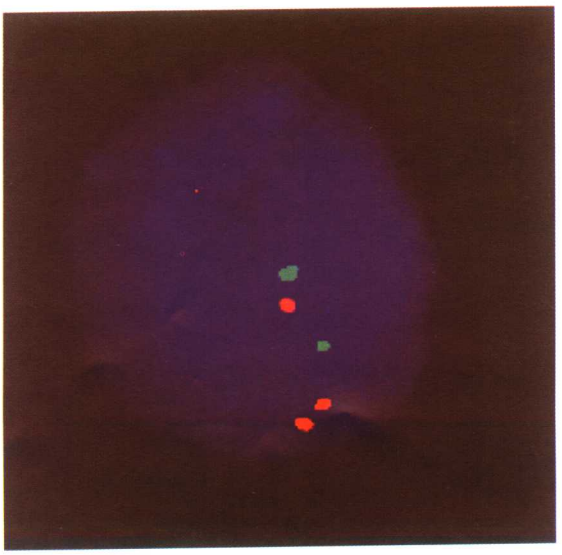

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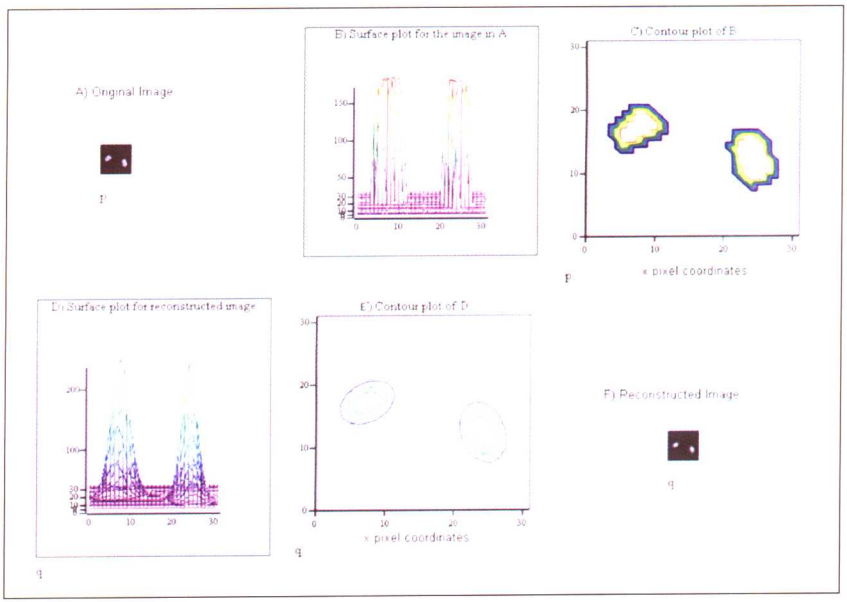

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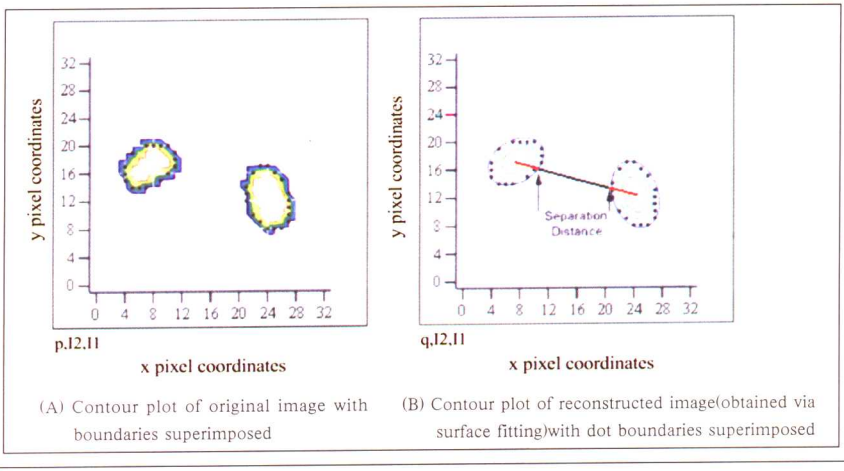
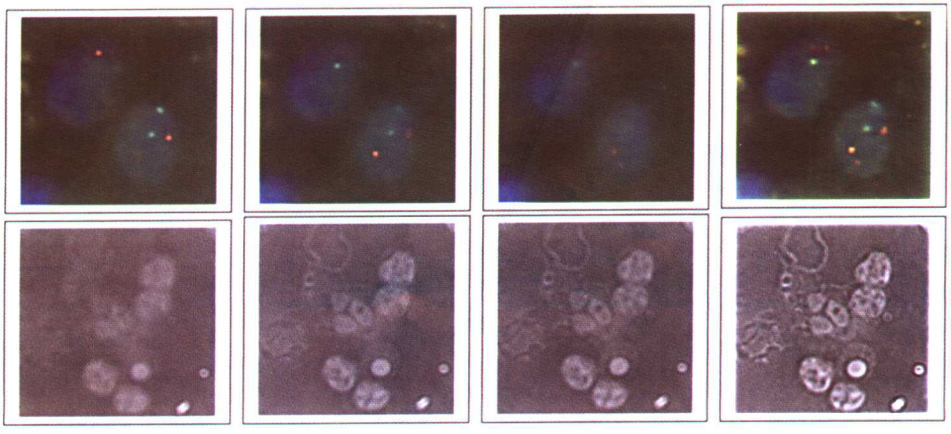


(A) Contour plot of original image with boundaries superimposed

(B) Contour plot of reconstructed image(obtained via surface fitting)with dot boundaries superimposed

Figure 10.10.12



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